



June Status

AZ Department of Corrections AIMS2 Program 2019

Agenda

- Program snapshot
 - Current focus
 - What is next
 - What we are concerned about
- Roadmap
- Work streams
 1. Bug fixes and user acceptance
 1. Process
 2. Sentence calculation
 3. Module testing and readiness
 2. Report development and acceptance
 3. Change requests
 4. Interfaces
- Financials
- Q&A
- Appendix
 1. Program structure
 2. Program support

Program Snapshot

Current Focus

- Increase momentum of report acceptance
- Work with B&D to get AIMS2 ready for end-to-end testing Phase 2 and pilot by finding, understanding, logging, and retesting bugs
- Complete and increase rigor of interface testing

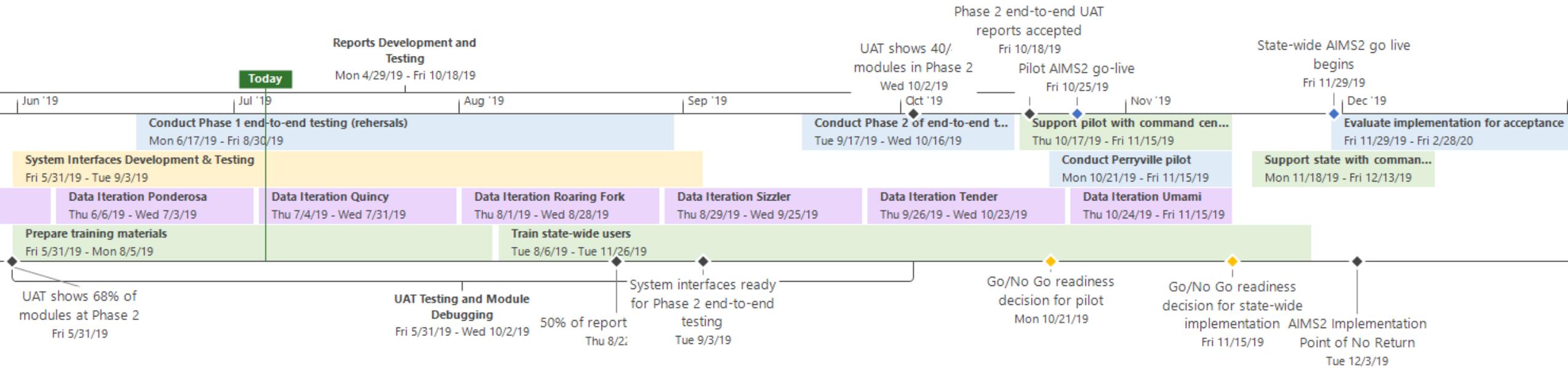
What's next

- July and August will focus on fixing bugs to ready AIMS2 for Phase 2 end-to-end testing on 9/17
- Prepare and begin systematic training for thousands of ADC staff members

Concerns

- Code pushes and data refreshes often lead to repeat bugs and other kinds of system regression
- Too much data (305,000 inmate records) for 100% manual testing, so sample testing is required
- Large parking lot
- Lack needed ad hoc reporting skills

Program roadmap



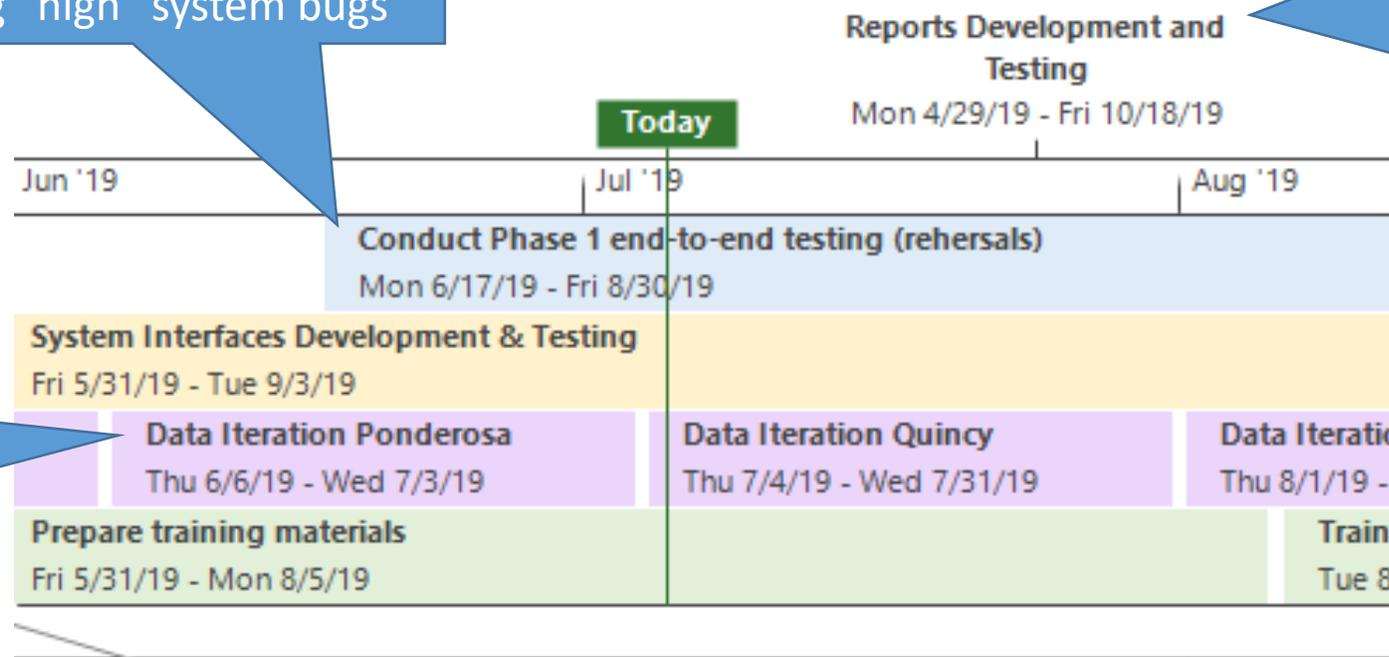
June 2019 progress against remaining work

June-19 testing:
164 new, 200 closed,
73 remaining "high" system bugs

COUNTERMEASURE:
Focus on quickly retesting
"resolved" and responding
to "reconsider" bugs

During Ponderosa
data migration bugs
reduced from 117
to 74

COUNTERMEASURE:
Continue to conduct joint
root cause analysis on data
migration and other bugs



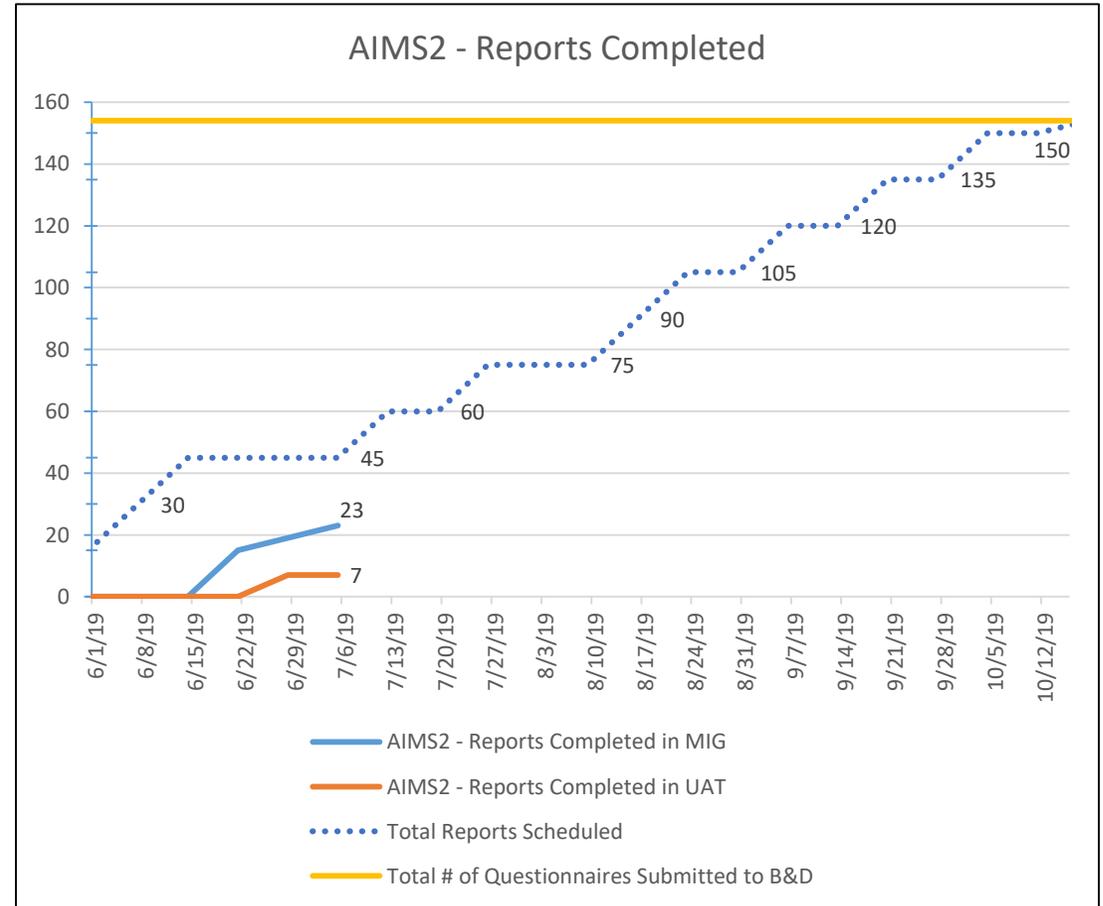
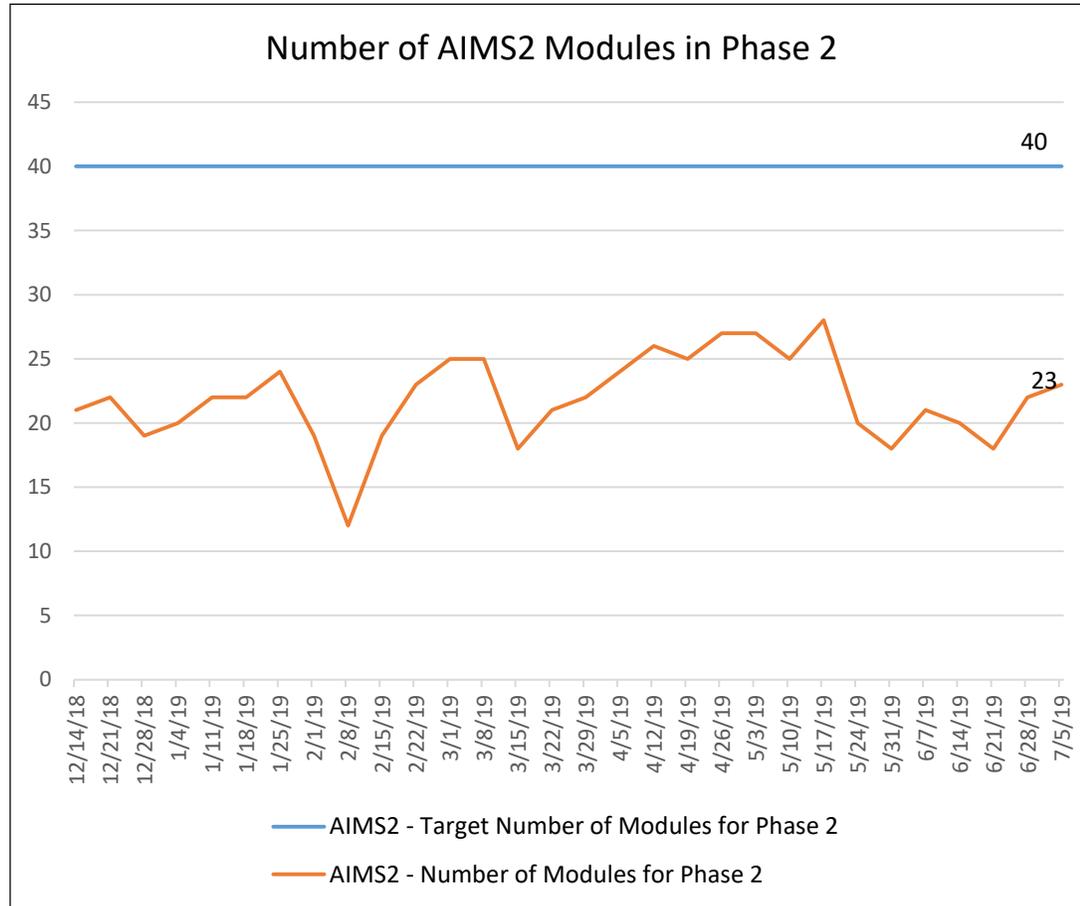
June Reports Testing:
40/154 ready to test
(26%)
21/154 pass data test
(14%)
7/154 pass UAT test
(5%)

COUNTERMEASURE:
Streamline process and
increase collaboration
time with B&D

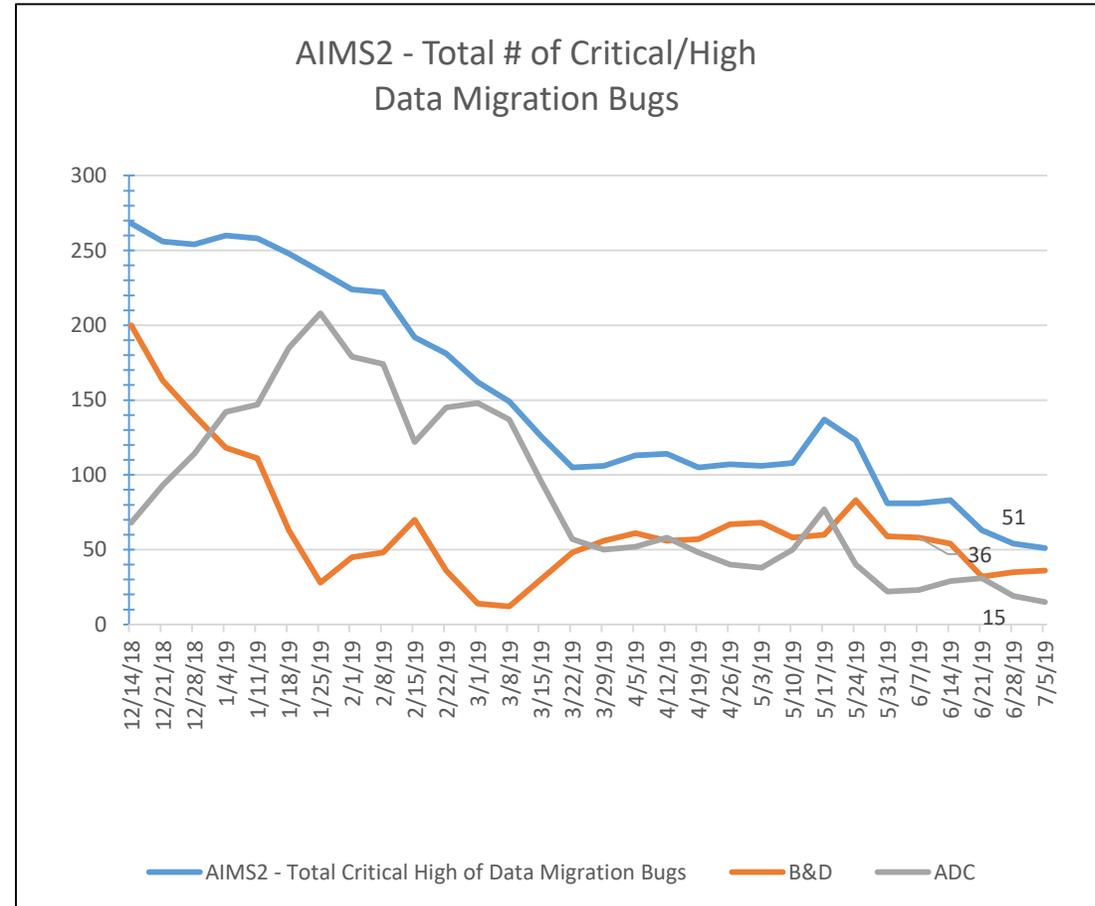
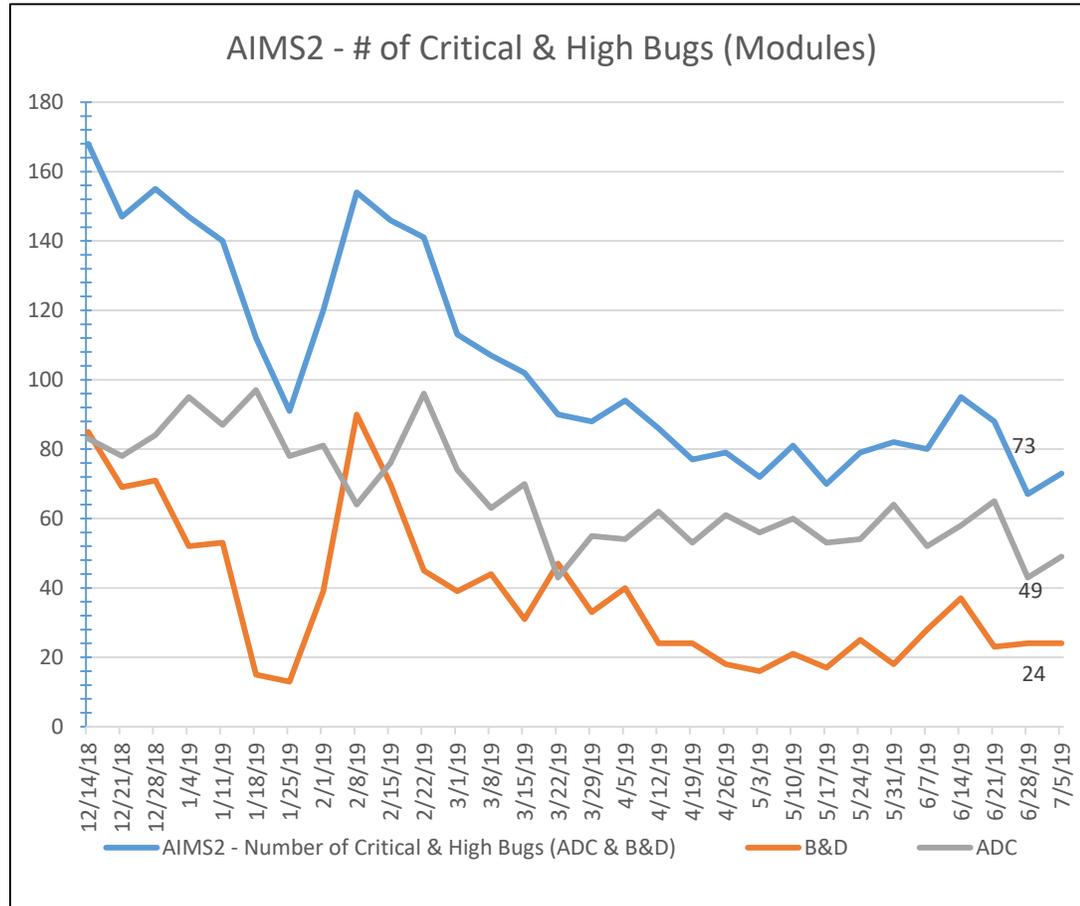
Scripts pass rate
improved from 89%
to 93% in June

UAT Testing and Module
Debugging
Fri 5/31/19 - Wed 10/2/19
COUNTERMEASURE:
Continue to test the system and log identified
bugs

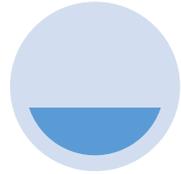
Module and Report Progress Against Goal



Module and Report Critical and High Bugs



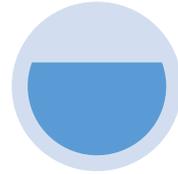
Work Stream 1: Bug fixes & user acceptance



Find

371 testers cycling through 4,500 scripts, 50/50 sentence calc and other modules

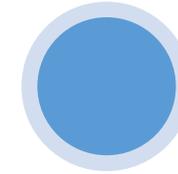
Failed scripts are reviewed and logged as bugs



Fix

Tester, expert administrator, and developer collaborate using TFS to understand and create a fix

Code release includes “resolved” bugs



Resolve

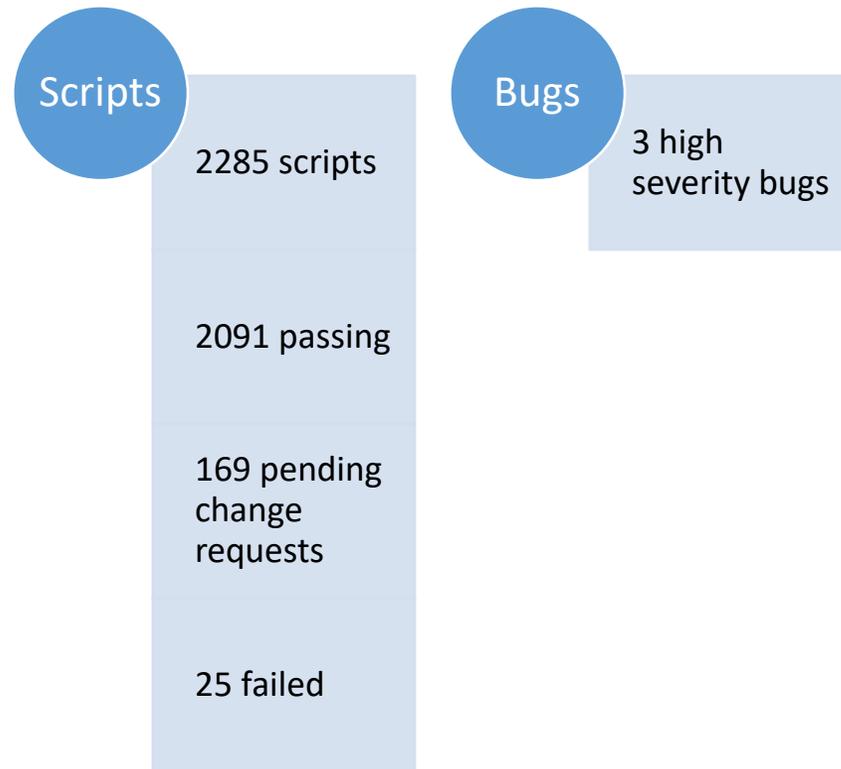
ADC retests bugs marked “resolved” and reviews bugs marked “reconsider”

Process continues until bug is closed

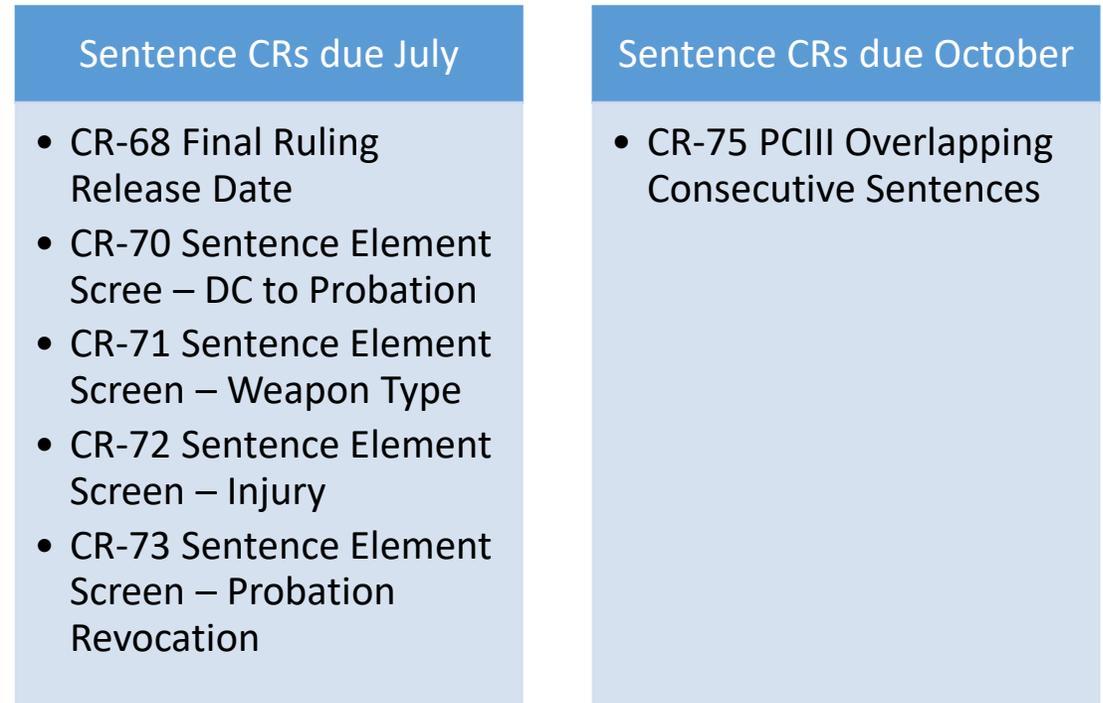
Module in “Phase 2” with 0 critical/high severity bugs and 85% passing scripts

Work Stream 1: Sentence calculation

Sentence Calculation Status (7/5)



Sentence Calculation Change Requests



Work Stream 1: Module testing & readiness

ACI	Assessments	Banner	BOEC	Case Manager Assignment	Case Notes	Cell screening	Classification
Count	Detainers	Detention	DI57GV score	DIM	Discipline	Do not house with	EIP
Events	FITS	Grievance	Intake	Integrated Housing	Movement holds	Offender management	Prison admin
Programs	Programs CTS	Programs EDU	Property	Protective custody	Release management	Religious	Scheduling
Sentence Calc	Staff ID	STG	Transportation	Victim services	Visitation	Warrants	Work Levels

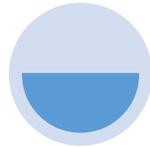
Work Stream 2: Report development & acceptance



Define

Questionnaires and AIMS1 source reports submitted

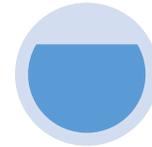
Reports mimic complex COBOL AIMS1 logic



Design

B&D creates SQL query back-end and Telerik front-end

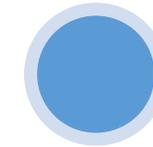
B&D developers ask ADC experts and make release notes



Test data fidelity

B&D tells ADC report is in static “Migration” environment

ADC reconciles data with AIMS1
Bugs logged in TFS



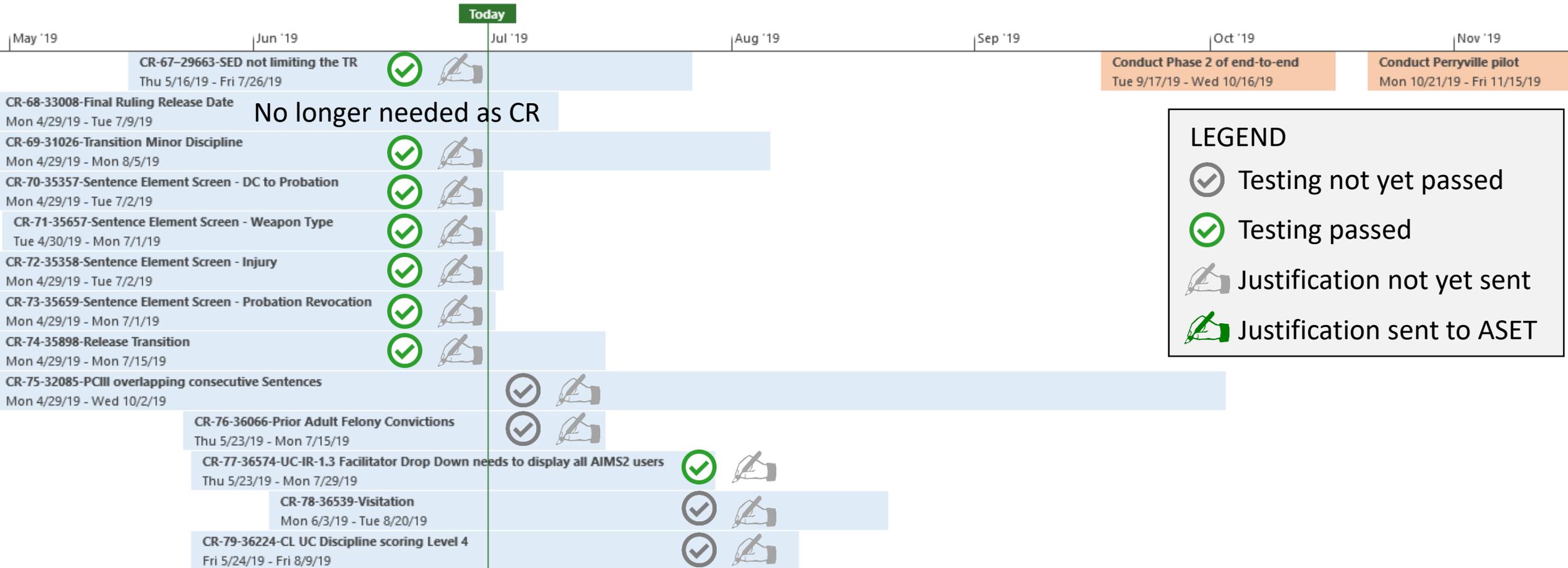
Test live function

B&D promotes report to live “UAT” environment

ADC tests for live function
Bugs logged in TFS

Improved collaboration between B&D and ADC throughout—B&D team located on-site with ADC testers 3/5 days each week

Work stream 4: Change requests



Work stream 5: AIMS2 interfaces



Development

- EVW External Visitation Website
- Prior packets
- PC AIMS
- PC AIMS I-21 Data Imports application support
- PC AIMS I-20 Data Imports SAAS connectors
- PC AIMS DT30-IRI
- PC AIMS I-7 Dept. of Commerce



Testing in progress

- Keefe - Commissary File to Property Module
- Keefe - Discipline Restitution COPLAN1, COPLAN8, and MINI (MINI)
- Keefe - Offender Fees
- Keefe - Offender Initial Setup/Updates
- Keefe - Payroll (Inmate Trust)
- I-19 Health and Community Agencies
- Centurion
- FTP Process



Tests passing

- Indigent KeepTrak to Century Link
- Keefe - EFT Files to KeepTrak (Inmates/Offenders)
- AI-101-OnBase
- Keefe - Inmate Initial Setup/Updates
- I-6: AFIS (POP3) Finger Printing
- I-10: SSN
- Keefe - MVD
- I-13: Inmate Testing (search)
- I-2: Mug Photo
- Centurion - MQ Move
- Centurion - e-OMIS (Marquis)
- I-18 DHS (AHCCCS)
- Keefe - Release Action Queue
- Keefe - Population Management
- Keefe - Inmate Utilities File
- COPLAN1, COPLAN8, and MINI (VIOP)
- COPLAN1, COPLAN8, and MINI (POFF)
- Keefe - Inmate Religious
- AIMS2 to Century Link (KeepTrak Function)
- CR-043: DES (Child Support)
- File delivered to EFT Providers
- I-8 DPS Public Safety
- I-8: DPS (pipe delimited file)

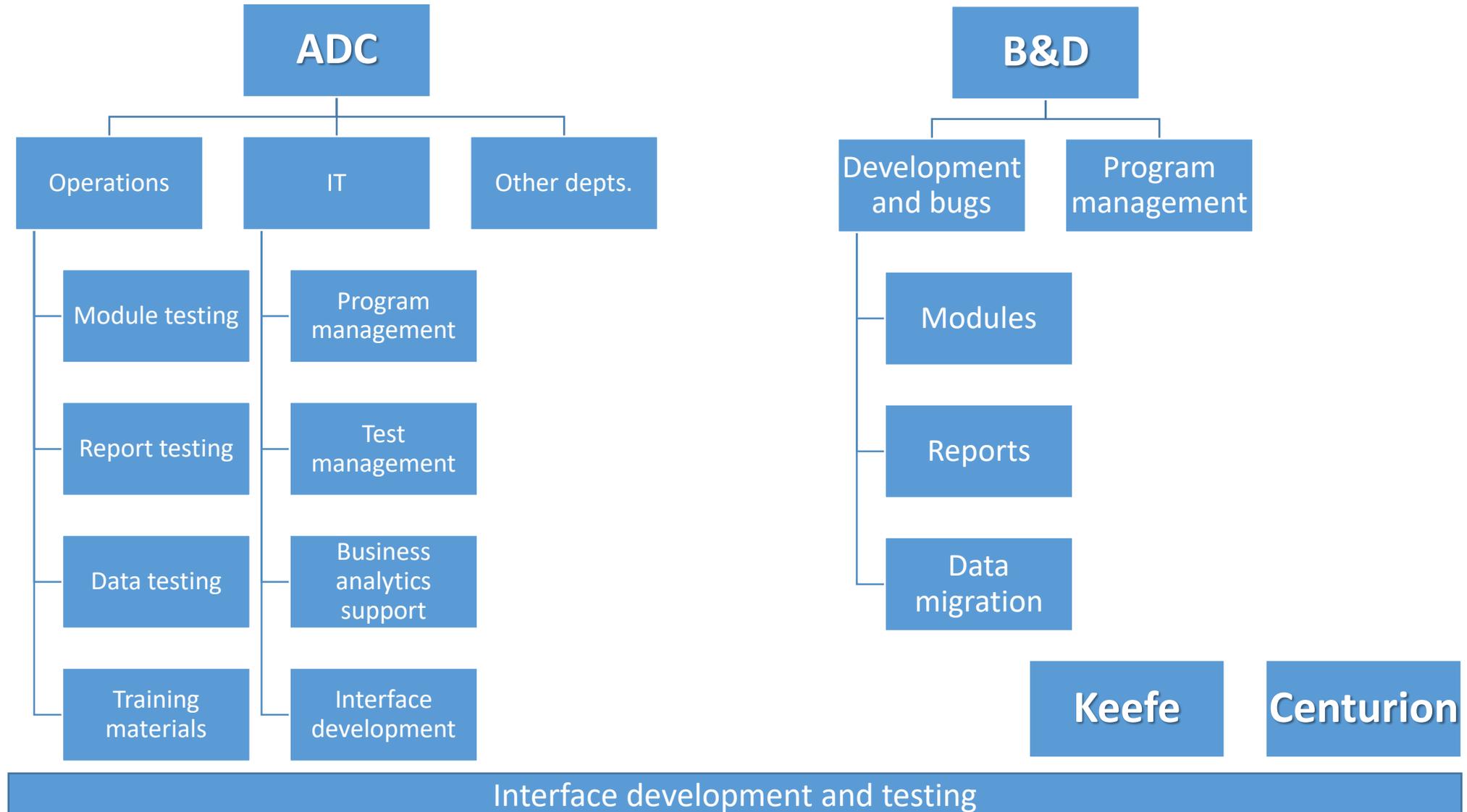


Financials: Budget Allocation Detail 2019-06-30

	<u>FY 2015</u> <u>Expended</u>	<u>FY 2016</u> <u>Expended</u>	<u>FY 2017</u> <u>Expended</u>	<u>FY 2018</u> <u>Expended</u>	<u>FY 2019</u> <u>Estimate</u>	<u>FY 2020</u> <u>Estimate</u>	<u>Total</u>
Total Systems Integrator Costs	\$6,010,879	\$3,250,813	\$4,296,749	\$1,853,641	\$2,292,723	\$4,776,357	\$22,481,162
Total Other Contractor Costs	\$99,570	\$248,925	\$199,140	\$199,140	\$105,450	\$105,450	\$957,675
Total Automation with Partners	\$163,522	\$22,493	\$45,323	\$13,952	\$14,750	\$77,750	\$337,791
Dedicated Staff And Training							
Training - Travel Expenditures	\$0	\$0	\$47,401	\$89,959	\$80,000	\$30,000	\$247,360
Subtotal Training Costs	\$0	\$0	\$47,401	\$89,959	\$80,000	\$30,000	\$247,360
Subtotal State Employees	\$78,205	\$450,433	\$497,764	\$804,840	\$628,240	\$445,263	\$2,904,745
Subtotal Contractors	\$10,758	\$290,360	\$584,094	\$656,805	\$537,100	\$285,000	\$2,364,117
Total Dedicated Staff And Training	\$88,963	\$740,793	\$1,129,259	\$1,551,604	\$1,245,340	\$760,263	\$5,516,222
Total Equipment	\$39,504	\$627,377	\$294,209	\$166,463	\$148,551	\$162,030	\$1,438,135
Total Contingency	\$0	\$0	\$0	\$0	\$0	\$146,252	\$146,252
GRAND TOTAL	<u>\$6,402,438</u>	<u>\$4,890,402</u>	<u>\$5,964,680</u>	<u>\$3,784,800</u>	<u>\$3,806,814</u>	<u>\$6,028,102</u>	<u>\$30,877,237</u>
FUND SOURCE							
General Fund (1000)	\$0	\$0	\$0	\$876,551	\$3,806,814	\$193,871	\$4,877,237
IGA/ISA Fund (2500)	\$6,402,438	\$4,890,402	\$5,964,680	\$2,908,249	\$0	\$3,834,231	\$24,000,000
Inmate Store Proceeds Fund (2505)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Cost Fund (9000)	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
TOTAL	<u>\$6,402,438</u>	<u>\$4,890,402</u>	<u>\$5,964,680</u>	<u>\$3,784,800</u>	<u>\$3,806,814</u>	<u>\$6,028,102</u>	<u>\$30,877,237</u>

Questions & Answers

Appendix 1: Program Structure



Appendix 2: AIMS2 Program Support

Technological

- Team foundation server
- G Suite
 - Google sheets
 - Google chat
- SharePoint

Organizational

- B&D team
- Testing team with leads and administrators
- Project management office with business analysts
- ADC executive leadership

External

- Lisa Meyerson, ASET
- Charles Brown, ASET
- Susan Burkham, Public Consulting Group